

Patent 7,053,618

AUG 31 2006

Docket 137271-1

To FAX: (571)273-8300

Pages: 24

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of

Yudong Zhu

Patent No. 7,053,618

Issued: May 30, 2006

For: METHOD AND APPARATUS TO GENERATE AN
RF EXCITATION CONSISTENT WITH A DESIRED
EXCITATION PROFILE USING A TRANSMIT COIL
ARRAY

: Group Art Unit: 2859

: Examiner: Shrivastav, B.

CERTIFICATE OF CORRECTION

Honorable Assistant Commissioner of Patents and Trademarks,
Alexandria, VA

SIR:

Please find attached a Certificate of Correction submitted to correct issued patent 7,053,618 to correct claims 10 and 11, so that this claim matches the claim as amended on 5/6/05.

Claims 10 and 11 should read as follows:

10. The MRI apparatus of claim 1 wherein the computer is further programmed to design a plurality of RF pulses waveforms to be independently applied to the transmit coil array.
11. A computer readable storage medium having a computer program stored thereon and representing a set of instructions that when executed by a computer causes the computer to control RF transmission by a plurality of transmit coils of a transmit coil array such that spatial temporal variation in a composite B₁ field induces a desired excitation profile upon completion of RF transmission.

Since the mistake is not the fault of the applicant, there are no fees owed.

Patent 7,053,618

Docket 137271-1

Respectfully submitted,

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August 30, 2006

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PTO/SB/44 (04-05)

Approved for use through 04/30/2007. OMB 0651-0033

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UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTIONPage 1 of 2

PATENT NO. : 7,053,618
APPLICATION NO.: 10/723,312
ISSUE DATE : May 10, 2006
INVENTOR(S) : Yudong Zhu

It is certified that an error appears or errors appear in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

10. The MRI apparatus of claim 1 wherein the computer is further programmed to design a plurality of RF pulse waveforms to be independently applied to the transmit coil array.

11. A computer readable storage medium having a computer program stored thereon and representing a set of instructions that when executed by a computer causes the computer to control RF transmission by a plurality of transmit coils of a transmit coil array such that spatial temporal variation in a composite B1 field induces a desired excitation profile upon completion of RF transmission.

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